

BR no 65 dt. 31/7/15 M.A. R. 57 (Rule 116)
Measurement Book

No. B

17316

Serial No.
Name of work From To
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth		
1	2	3	4	5	6	7
	Name of work: Construction of Bridge over storm water drain at 4th cross road and 12th 'A' main Road, Mutyalu Nagar 10 J.P. Park Ward No. 17 Agency: Sri. J. C. Prakash Work order NO: EE/RRND/WO.No/255/2013-14 at 20-2-14 Work Code : 017-14-000097 Contract Amount:- 20,83,676.00 Rs Date of Measurement:					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item No: 1	Dismantling of existing structures comprising of masonry are 18 ft and scaffolding - ver Necessary, with all lights couplets as per Stone Masonry in Cement mortar & as directed by work 12th B main Road Dismantling 88M wall cum.	2	12	0.9	1.50	32.40 cum	bridges, retaining walls, etc. Specifications by Engineers industry
Item No: 2	Dismantling of existing structures comprising of masonry, concrete, etc. straining serviceable material by mechanical means A - Cement Damaged Rod concrete	1	6.80	6.50	0.15	6.63	Total Qty to be paid = 32.40 cum

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Measurement Book

No. B

17317

Serial No.
 Name of work
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 Date of commencement of work

When Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
2	for approach	2	3.7	2.50	0.15	2.78
						9.41 cum.
						Total Qty mls paid = 9.41 cum.
	No. B:- Earth work in Excavation for foundation of Structure as per drawing & technical Specifications. Including of stumps and other deleterious for bridge portion	1	6.80	(7+6.80)/2 = 6.9	1.0	46.92
		1	3.70	"	1.0	25.53
		1	6.80	2.5	0.5	8.50
		1	5.7	2.80	0.5	7.00
	for approach slab	1	3.7	2.80	0.5	5.18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For retaining wall drain depth	1 1	40.3 35	1.20 0.6	1.80 0.6	9.29 12.60	
	Total Qty to be paid =					115.02 cum	
	Providing and filling in foundation with granite of size broken metal 100mm and down size, with approved sand including load pressing, ramming, watering complete as per specifications	1 1	6.80 3.7	6.80 6.80	0.30 0.30	13.87 7.55	
	for setting Bridgeportion						
	Total Qty to be paid =					21.42 cum 21.38 cum 21.38 cum	

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No. B

17319
17318

Serial No.

From

To

Name of work

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions			Depth	Contents	Reference to last Measurement
		Number	Length	Breadth			
1	2	3	4	5	6	7	8
	No. 5:- Plain/Reinforced Cement concrete 40mm and down size graded granite metal foundation complete as per Drawing & Technical Engineer in charge of the work						
	for bed concrete	1	6.80	6.50	0.15	6.63	
		1	3.76	6.50	0.15	3.61	
	for approach slab	1	6.80	2.30	0.15	2.35	
		1	3.76	2.65	0.15	1.47	
	for retaining wall	1	4.13	0.60	0.15	0.39	
	West Gousta from 12th C to 12th B measured Bridges	1	8.0	4.40	0.20	7.04	
						21.49 cum	

measured

check

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Measurement Book

No. B

17320

Material No.
Name of work From To
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc., of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
	2	3	4	5	6	7
Another portion						
bottom slab top 16 mm #		1	34	5.70	1.58	306.20
bottom 20mm #		1	34	5.70	2.47	478.69
distribution 12mm #		2	24	6.80	0.89	290.50
12 mm #		6	4	1.93	0.89	41.22
16 mm #		2	34	7.2	1.58	451.25
12 mm #		2	34	3.10	0.88	185.50
10 mm #		2	25	6.80	0.62	209.78
Hand 10mm #		1	110	1.30	0.62	88.23
12 mm #		6	4	1.93	0.89	41.13
12 mm #		2	12	2.65	0.89	56.60

56.60
6240.68 kg

6240.68 kg

(P.T.O.)

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Measurement Book

No. B

17321

Reference
to last
Measurement
8

Serial No.

Name of work From

To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

4 M

OPC Cement Date
is approved

Full description, etc, of work
2

Number
3

Length
4

Breadth
5

Depth
6

Contents
7

Reference
to last
Measurement
8

Find:- Design mix M₃₅ with OPC Cement @ 390 kg/cum
grade material concrete aggregate @ 0.68 cum & fine aggregate
Box side wall portion

1	8.30	0.40	1.50	with 20mm & down size graded up to 5.0mm sieve
1	8.30	0.40	1.50	
1	3.70	0.45	1.5	
1	3.70	0.45	1.5	

= 4.98
= 4.98
= 2.50
= 2.50
14.96 cum
14.18 cum
14.18 cum

Item No. 1:- Supplying, fitting
- wire couplers as per

and placing TMT bar Fe 415
specifications and as
directed by the Engineer in charge

reinforcement for Super-Strut
by the Engineer in charge

P.F.D.

M. A. R. 57 (Rule 116) Measurement Book

No. B

17322

Reference to last
surement
8

Weight of commencement of work

me of Contractor of nature of Agency..... From To

Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
	Number	Length	Breadth	Depth	
2	3	4	5	6	7
Steel for Approach 12mm# main bars	1	5.7	2.50	0.890	126.83
distribution 10mm#	1	2.5	2.50	0.890	55.63
Steel for Retaining walls for wall 12mm# reinforcement	1	13	5.40	0.613	43.31
10mm# distribution	1	13	5.40	0.613	43.31
10mm# distribution	2	4.6	1.2	0.89	85.44
10mm# distribution	2	16	4.3	0.62	84.90
10mm# distribution	2	4.0	2.65	0.890	188.68
10mm# distribution	2	14	4.30	0.62	74.29
Another portion main bars 12mm# distribution	1	5.2	2.50	0.890	115.79
	1	2.4	2.50	0.890	53.40
	1	1.3	5.40	0.613	43.31
	1				5949.48

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	UP to Date
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item No.	Specification	Unit	Present Qty	Rate	Amount	UP to Qty	Date
7.	Design Mix M-35 with OPC	Cum	14.18	6555	92949.90	14.18	92949.90
8	Supplying & fitting TMT bar M-T	Cum	6.24	71819.00	448199.66	6.24	448199.66
9	Forming & placing concrete R.C.C / Per M-35	Cum	39.17	6708.00	262769.80	39.17	262769.80
10	Supplying & fitting placing TMT bar Fe 415	M.T	5.95	72636	432117.62	5.95	432117.62
11	R.C.C M30 Approach slab	Cum	25.58	11091.00	283685.60	25.58	283685.60
12	Providing filter media with granular material	Cum	25.20	986.00	24847.20	25.20	24847.20
13	Basic filling below Abutment	Cum	12.60	299.00	3767.40	12.60	3767.40
14	Providing weep holes	No's	21.00	172	3612	21.00	3612.00
15	Granite size stone - Masonry	Cum	32.40	5570	180468.00	32.40	180468.00
16	P.C.C M15 coping	Cum	1.20	5016	6019.20	1.20	6019.20

Rs. 2077572.11
 2077572.11
 Rs. 2077572.11

No. B

17327

John